

Freeform Search

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12 and L11

Term:

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Search

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Search History

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<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
	side by side			result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
<u>L12</u>	l2 and L11		1	<u>L12</u>
<u>L11</u>	management station		3133	<u>L11</u>
<u>L10</u>	l8 and L9		21	<u>L10</u>
<u>L9</u>	379/\$.ccls.		109362	<u>L9</u>
<u>L8</u>	l6 and L7		264	<u>L8</u>
<u>L7</u>	gateway or router		200951	<u>L7</u>
<u>L6</u>	l4 and L5		309	<u>L6</u>
<u>L5</u>	connection or conectivity		4466833	<u>L5</u>
<u>L4</u>	ping\$3 same internet same test\$3		329	<u>L4</u>
<u>L3</u>	internet and l2		4	<u>L3</u>
<u>L2</u>	(connection or connectivity) same pinging same (test device or tester)		4	<u>L2</u>
<u>L1</u>	(tester or test device) same perform\$4 same (connection or connectivity)		2883	<u>L1</u>

END OF SEARCH HISTORY

"INTERFERENCE"

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IBM Technical Disclosure Bulletins

(verifying same connection same subscriber

Term: station same gateway) and (connectivity test
same pinging same tester same host same

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L1 (verifying same connection same subscriber station same gateway) and
(connectivity test same pinging same tester same host same internet) and
(remote instructions same verification host same report)

<u>Hit</u>	<u>Set</u>
<u>Count</u>	<u>Name</u>
result	set

END OF SEARCH HISTORY

1. 2005/0135392
Cont.-in-part of present
Application.
2. 2005/0068972
present application.

BIL

"INTERFERENCE SEARCH RESULT"



US 20050068972A1

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2005/0068972 A1
Burns et al. (43) Pub. Date: Mar. 31, 2005

(54) METHOD AND SYSTEM FOR CONNECTION VERIFICATION (52) U.S. Cl. 370/412

(76) Inventors: Dave J. Burns, Ottawa (CA); Norman Robertson, Kanata (CA)

(57) ABSTRACT

Correspondence Address:

TORYS LLP
79 WELLINGTON ST. WEST
SUITE 3000
TORONTO, ON M5K 1N2 (CA)

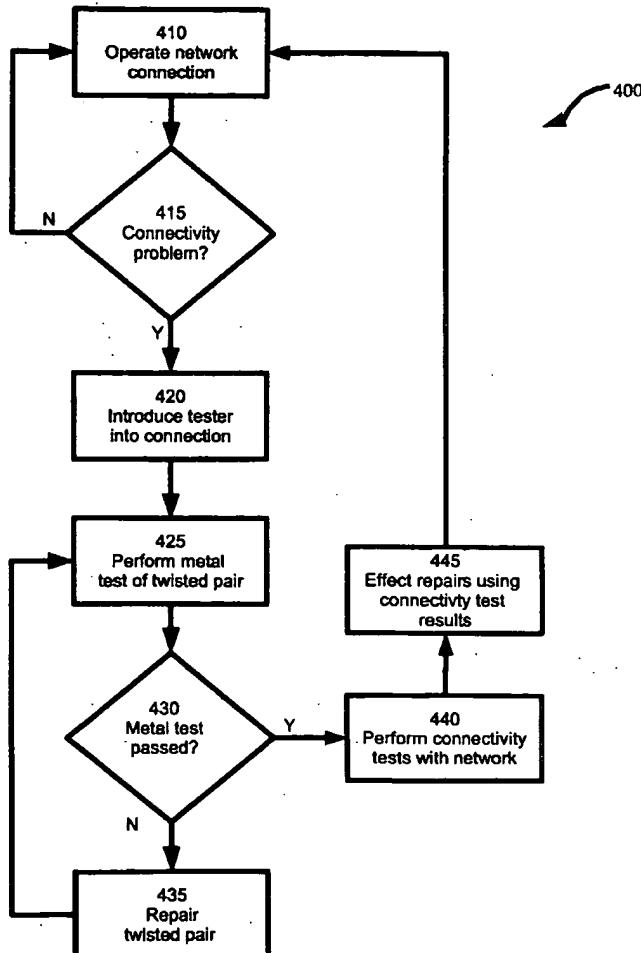
(21) Appl. No.: 10/670,261

(22) Filed: Sep. 26, 2003

Publication Classification

(51) Int. Cl.⁷ H04L 12/28; H04L 12/56

The present invention provides a method and system for connection verification. An embodiment includes a DSL based system, with a tester resident at a central office respective to a DSLAM. When a problem is encountered by a subscriber, the tester can be readily connected to the DSLAM to allow performance of tests on the connection between the tester, the DSLAM and the Internet. If such tests are successful, then service provider can eliminate that portion of the link as the source of the connectivity problem. If unsuccessful, the service provider can repair that portion of the connection, and thereby potentially obviate the need to send a technician to the subscriber premises.



"INTERFERENCE SEARCH RESULT"



US 20050135392A1

(19) United States

(12) Patent Application Publication
Burns et al.

(10) Pub. No.: US 2005/0135392 A1
(43) Pub. Date: Jun. 23, 2005

(54) METHOD AND SYSTEM FOR CONNECTION
VERIFICATION

Publication Classification

(75) Inventors: David J. Burns, Ottawa (CA); Norman J. Robertson, Kanata (CA); Frank Tony Gorenc, Burlington (CA); Manuel Lopes Branco, Mississauga (CA)

(51) Int. Cl.⁷ H04L 12/28

(52) U.S. Cl. 370/401

Correspondence Address:

TORYS LLP
79 WELLINGTON ST. WEST
SUITE 3000
TORONTO, ON M5K 1N2 (CA)

(57)

ABSTRACT

(73) Assignee: BCE Inc., Montreal (CA)

(21) Appl. No.: 11/002,078

(22) Filed: Dec. 3, 2004

The present invention provides a method and system for connection verification. An embodiment includes a DSL based system, with a tester resident at a central office respective to a DSLAM. When a problem is encountered by a subscriber, the tester can be readily connected to the DSLAM to allow performance of tests on the connection between the tester, the DSLAM and the Internet. If such tests are successful, then service provider can eliminate that portion of the link as the source of the connectivity problem. If unsuccessful, the service provider can repair that portion of the connection, and thereby potentially obviate the need to send a technician to the subscriber premises.

Related U.S. Application Data

(63) Continuation of application No. PCT/CA04/01740, filed on Sep. 24, 2004, which is a continuation-in-part of application No. 10/670,261, filed on Sep. 26, 2003.

